1.	Record Nr.	UNINA9910337841503321
	Titolo	Artificial Intelligence Applications and Innovations : 15th IFIP WG 12.5 International Conference, AIAI 2019, Hersonissos, Crete, Greece, May 24–26, 2019, Proceedings / / edited by John MacIntyre, Ilias Maglogiannis, Lazaros Iliadis, Elias Pimenidis
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-19823-5
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XXIV, 689 p. 265 illus., 185 illus. in color.)
	Collana	IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 559
	Disciplina	006.3
	Soggetti	Artificial intelligence Data mining Computer vision Information storage and retrieval systems Application software Machine theory Artificial Intelligence Data Mining and Knowledge Discovery Computer Vision Information Storage and Retrieval Computer and Information Systems Applications Formal Languages and Automata Theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes Index.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 15th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2019, held in Hersonissos, Crete, Greece, in May 2019. The 49 full papers and 6 short papers presented were carefully reviewed and selected from 101 submissions. They cover a broad range of topics such as deep learning ANN; genetic algorithms -

optimization; constraints modeling; ANN training algorithms; social media intelligent modeling; text mining/machine translation; fuzzy modeling; biomedical and bioinformatics algorithms and systems; feature selection; emotion recognition; hybrid Intelligent models; classification - pattern recognition; intelligent security modeling; complex stochastic games; unsupervised machine learning; ANN in industry; intelligent clustering; convolutional and recurrent ANN; recommender systems; intelligent telecommunications modeling; and intelligent hybrid systems using Internet of Things. The papers are organized in the following topical sections: AI anomaly detection - active learning; autonomous vehicles - aerial vehicles; biomedical AI; classification - clustering; constraint programming - brain inspired modeling; deep learning - convolutional ANN; fuzzy modeling; learning automata - logic based reasoning; machine learning - natural language; multi agent - IoT; nature inspired flight and robot; control - machine vision; and recommendation systems.